

APPLICATION DATA SHEET

Application Information

Application number::
Filing Date:: July 31, 2001
Application Type:: Regular
Subject Matter:: Utility
Suggested classification::
Suggested Group Art Unit::
CD-ROM or CD-R??::
Number of CD disks::
Number of copies of CDs::
Sequence Submission::
Computer Readable Form (CRF)?::
Number of copies of CRF::
Title:: Emergency Shelter Structure
Attorney Docket Number:: 016494-001100US
Request for Early Publication:: No
Request for Non-Publication:: No
Suggested Drawing Figure::
Total Drawing Sheets:: 2
Small Entity?:: Yes
Latin name::
Variety denomination name::
Petition included?:: No
Petition Type::
Licensed US Govt. Agency::
Contract or Grant Numbers One::
Secrecy Order in Patent Appl.?:: No

Inventor Information

Inventor Authority Type:: Inventor
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The figure consists of nine panels labeled (a) through (i), representing different stages of a vortex tube's development:

- (a) Initial state at $t = 0$, showing two parallel vortex tubes.
- (b) At $t = 1$, the tubes begin to interact.
- (c) At $t = 2$, a secondary vortex starts to form between the primary tubes.
- (d) At $t = 3$, the secondary vortex becomes more pronounced.
- (e) At $t = 4$, the secondary vortex continues to grow.
- (f) At $t = 5$, the secondary vortex is well-defined.
- (g) At $t = 6$, the secondary vortex begins to merge with the primary tubes.
- (h) At $t = 7$, the merging process is advanced.
- (i) Final state at $t = 9$, showing a single merged vortex structure.

Correspondence Customer Number:: 20350

Domestic Priority Information

Application:: Continuity Type:: Parent Application:: Parent Filing Date::

Country:: Application number:: Filing Date::

